

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Hideto FURUYAMA

SERIAL NO: New Application

GAU:

FILED: Herewith

EXAMINER:

FOR: PRODUCTION METHOD OF OPTO-ELECTRONIC DEVICE ARRAY

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

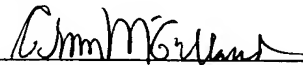
- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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DOCKET NO.: 247051US2XRD

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STATEMENT OF RELEVANCY

Reference AO (11-307878) on Form PTO-1449:

This discloses a method of arrangement of epitaxial lift-off chips.

Reference AW on Form PTO-1449:

This reference shows an epitaxial lift-off method of large area epitaxial AlGaAs films from the substrate wafers on which they were grown.

Reference AX on Form PTO-1449:

This reference shows a method of an epitaxial lift-off technique and rearrangement of the epitaxial lift-off chips.

Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
247051US2XRDSERIAL NO.
New Application

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT
Hideto FURUYAMAFILING DATE
Herewith

GROUP

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|--------------------|------|------|-------|--------------|-------------------------------|
| | AA | | | | | | |
| | AB | | | | | | |
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| | AN | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | TRANSLATION | |
|--|----|--------------------|----------|-------------------------------|-------------|----|
| | | | | | YES | NO |
| | AO | 11-307878 | 11/05/99 | Japan (with English Abstract) | | |
| | AP | | | | | |
| | AQ | | | | | |
| | AR | | | | | |
| | AS | | | | | |
| | AT | | | | | |
| | AU | | | | | |
| | AV | | | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

| | | | | | | |
|--|----|--|--|--|--|--|
| | AW | Eli Yablonovitch, et al., "Extreme selectivity in the lift-off of epitaxial GaAs films", APPLIED PHYSICS LETTERS, Vol. 51, No. 26, December 28, 1987, Pages 2222-2224 | | | | |
| | AX | Nan M. Jokerst, et al., "Microsystem Optoelectronic Integration for Mixed Multisignal Systems", IEEE JOURNAL ON SELECTED TOPICS IN QUANTUM ELECTRONICS, Vol. 6, No. 6, November/December 2000, Pages 1231-1239 | | | | |
| | AY | | | | | |
| | AZ | | | | <input type="checkbox"/> Additional References sheet(s) attached | |

Examiner

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.